**DME PROLINK**
CONNECTING THE GLOBE

D165x-fam-c

TECHNICAL DATA



### Description

The field assembly connector is a cost-effective, pre-polished, field-installable connector, designed for ease of installation and re-use if so required. It requires no field polishing or epoxy, so no heat-curing devices nor special tooling are needed to facilitate the termination of the fiber.

### Features & Benefits

✓Re-usable, i.e. supports multiple terminations.
✓Ease of use, no specialized training required.
✓Short termination time – no epoxy, no baking.
✓Available in SC/APC, SC/UPC, LC/UPC etc.
✓Available for "flat" as well as conventional tight-buffered cable.
✓Operating Temperature Range: -30°C to +75°C
✓Storage Temperature Range: -40°C to +80°C

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**TECHNICAL DATA**

| Item | Description |
|---|---|
| Item | Description |
| SC/UPC | 0.25mm (250micron) |
| | 0.9mm (900micron) |
| | 2.0mm |
| | 3.0mm |
| | Flat-type Cable |
| SC/APC | 0.25mm (250micron) |
| | 0.9mm (900micron) |
| | 2.0mm |
| | 3.0mm |
| | Flat-type Cable |
| LC/UPC | 0.25mm (250micron) |
| | 0.9mm (900micron) |
| | 2.0mm |
| | 3.0mm |
| | Flat-type Cable |

**Technical Assistance**
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# Fiber Optic Connector
## Field Installable

| Performance | Conditions | Requirements | | References |
|---|---|---|---|---|
| Insertion Loss | Source Wavelength | SC/APC; SC/UPC | $IL \leq 0.5$ dB | IEC61300-3-4 |
| | 1310nm ± 10nm | | | |
| | 1490nm ± 10nm | | | |
| | 1550nm ± 10nm | | | |
| | 1625nm ± 10nm | | | |
| Return Loss | Source Wavelength | SC/APC | $RL \geq 60$ dB | IEC61300-3-6 |
| | 1310nm ± 10nm | | | |
| | 1490nm ± 10nm | | | |
| | 1550nm ± 10nm | SC/UPC | $RL \geq 50$ dB | |
| | 1625nm ± 10nm | | | |

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| D | 1 | 6 | 5 | x | - | f | a | m | - | c |
|---|---|---|---|---|---|---|---|---|---|---|

| x | Pin assigned by ECS |
|---|---|
| 0-9 | Inventory Management Index |

| f | Form |
|---|---|
| LC | LC |
| SC | SC |

| a | Angle |
|---|---|
| U | UPC |
| A | APC |

| m | Mode |
|---|---|
| M | Multi-mode |
| S | Single-mode |

| c | Cable |
|---|---|
| 0.25 | 0.25mm |
| 0.9 | 0.9mm |
| 2 | 2.0mm |
| 3 | 3.0mm |
| F | Flat |

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D165x-fam-c

TECHNICAL DATA

**Web Site: www.ecsglobalwire.com**

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Specifications published here are current as of the date of publication of this document. Because we are continuously improving our products, ECS Global Wire & Cable reserves the right to change specifications without prior notice. At any time, you may verify product specifications by contacting ECS Global Wire & Cable's Regional Head Office in the UAE.